

MODELS: Stinson SR-5, -5A (Army L-12), -5B, -5C, -5E

T.C. NUMBER: ATC 530

I - SPECIFICATIONS PERTINENT TO ALL MODELS

Placard speeds	Not required
Fuel capacity	50 gallons (two tanks at 25 gallons each in wings)
Oil capacity	4 gallons
No. passengers	3
Serial numbers	9202 and up manufactured prior to 9/30/39 and all AAF numbers of Model L-12 eligible. Approval

expired as of 9/30/39. (See NOTE 1.)

EQUIPMENT: (Datum is wing leading edge) (\* Means net increase)

Class I:

Landplane:

- 101. Engine ring cowl
- 102. (Now Class III equipment)
- 103. 25x11-4 wheels (with brakes) and tires
- 104. 10-1/2 inch streamline tail wheel and tire
- 105. Full fairing 6 lbs.
- 106. Battery 36 lbs.
- 107. Starter 26 lbs.
- 108. Heater
- 109. Wing flaps (all models except SR-5)  
(See NOTE 1.)

Seaplane: Items 101, 105, 106, 107, 108 and 109 PLUS

151. Edo 38-3430 floats

152. Seaplane type fin

Class II:

- 200. Miscellaneous items as noted on approved weight and balance report

Class III:

- 102. Wheel streamlines 24 lbs.
- 301. Radio:
  - (a) One way (lear) (at instrument board) 25 lbs.
  - (b) Two way (replacing left rear passenger seat) 190 lbs.\*
- 302. Battery (replacing item 106) 36 lbs.\*
- 303. Shielding 9 lbs.
- 304. Flares
  - (a) Five 1 minute 16 lbs.
  - (b) Three 1-1/2 minutes 16 lbs.
- 305. Hammock type rear seat Net decrease 15 lbs.
- 306. Landing lights (retractable) 26 lbs.
- 307. Wheel fenders (replacing item 102) Net decrease 10 lbs.
- 308. Metal baggage compartment 12 lbs.
- 309. Generator 18 or 28 lbs.
- 310. Dual indicating instrument panel 16 lbs.\*
- 311. Miscellaneous instruments
- 312. Fuel tanks
  - (a) 75 gallons (2 tanks at 37-1/2) 15 lbs.\*
  - (b) 90 gallons (two tanks at 45)  
(for models SR-5A and SR-5C only) 22 lbs.\*
  - (c) 100 gallons (2 tanks at 50)  
(for models SR-5A and SR-5C only) 29 lbs.
- 313. 5 or 6-3/4 oil capacity No increase in weight
- 314. Enforcement on wings for 100 gallons fuel capacity 7 lbs.
- 315. Steps and handles on side of fuselage 2 lbs.
- 316. Fog light 3 lbs.
- 317. Propeller - Hamilton Standard 2B20 hub with blades 6109A-9 or 6109A-10. Diameter 8'3-1/8" maximum, 8'7/8" minimum (for models SR-5A and SR-5C only) 105 lbs.
- 318. Skis (use actual weights)
  - (a) Federal SA-7 (Model SR-5)
  - (b) Wien W-3750 (Models SR-5, SR-5A, SR-5C)
  - (c) Kammer 4500 (Models SR-5A, SR-5C)

NOTE 1. The letter "A" is affixed to serial numbers of all airplanes equipped with wing flaps.

NOTE 2. Airplanes bearing manufacturers serial numbers 9202 thru 9205, 9210 and 9211 only have small tail surfaces.

NOTE 3. Eligible for export as follows, subject to inspection for equipment specified in Chapter XII of Inspection Handbook (9/30/39)

- (a) Canada
  - Landplane
  - Skiplane - not eligible
- (b) Great Britain - Provided the wing rear spar and outrigger rear spar are changed in accordance with Drawing Numbers F-2287 and W-795.
- (c) All other countries except Australia.

NOTE 4. The standard weight of serial numbers 9250A and up may be increased to 3550 lbs. for models SR-5A, SR-5B and SR-5C.

NOTE 5. The following placard must be displayed in full view of the pilot:  
"ALWAYS CHECK FUEL FLOW AT STRAINER DRAIN BEFORE TAKE-OFF. NEVER FLY  
ON ONE TANK WHEN FUEL IS LOW."

II - MODEL SR-5, DESIGNATION 4 PCLM

Engine	Lycoming R-680-4 225 hp
Propeller	Fixed or adjustable metal
Standard weight	3275 lbs.
Baggage	65 lbs. (compartment aft in fuselage)

III - MODEL SR-5A (ARMY L-12), DESIGNATION 4 PCL-SM

Engine	Lycoming R-680-6 245 hp
Propeller	Lycoming-Smith P-221 with Curtiss B350S1 blades or Lycoming-Smith P-220 with Curtiss B300S0 blades. Low pitch setting: (a) Landplane - P-221 11 degrees 15'; P-220 11 degrees 25'. (b) Seaplane - 9 degrees, 20'
Standard weight	Landplane - 3475 lbs. (See NOTE 4) Seaplane - 3610 lbs.
Baggage	(a) Landplane - 152 lbs. (maximum) (b) Seaplane - 60 lbs. (a) and (b) In compartment aft of cabin: baggage compartment With wooden baggage compartment 102 lbs. With metal lines compartment 90 lbs. Under rear passenger seats with standard divan type rear seats 0 lbs. With hammock type rear seats 50 lbs.

IV - MODEL SR-5B, DESIGNATION 4 PCLM

Engine	Lycoming R-680-2, 240 hp
Propeller	Adjustable metal
Standard weight	3475 lbs. (See NOTE 4)
Baggage	Same as SR-5A (landplane)

V - MODEL SR-5C, DESIGNATION 4 PCLM

Engine	Lycoming R-680-5, 260 hp
Propeller	Lycoming-Smith P-221 with Curtiss B350S1 blades (low pitch setting 11 degrees)
Standard weight	3475 lbs. (See NOTE 4)
Baggage	65 lbs. (compartment aft in fuselage)
C.G. limits	(+18) and (+26.3)

VI - MODEL SR-5E DESIGNATION 4 PCLM

Engine	Lycoming R-680-4, 225 hp
Propeller	Fixed or adjustable metal
Standard weight	3325 lbs.
Baggage	65 lbs. (compartment aft in fuselage)